

Converting Colors

Hex(2E3300)

Have a look what the booklet for
Hex(2E3300) contains.

Hex(2E3300)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2E3300)

Conversions

Conversions Part 1

Format	Color
Hex	2E3300
RGB	46, 51, 0
RGB Percent	18%, 20%, 0%
CMY	0.8196, 0.8000, 1.0000
CMYK	0.10, 0.00, 1.00, 0.80
HSL	66°, 100%, 10%
HSV	66°, 100%, 20%
XYZ	2.3105, 2.9485, 0.4473
YIQ	43.6910, 13.3910, -16.9210

Conversions

Conversions Part 2

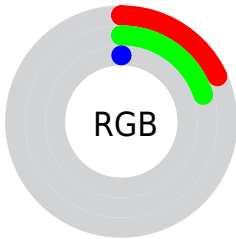
Format	Color
RYB	0, 51, 5
Decimal	3027712
CIELab	19.84, -9.63, 27.80
CIELCh	20, 29.421, 109.096
Yxy	2.9485, 0.4049, 0.5167
Android (android.graphics.Color)	4281217792 (0xFF2E3300)
YUV	43.6910, -21.5397, 2.0250
Hunter-Lab	17.1712, -6.0308, 10.4752

Details

The Hex color **2E3300** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **050033**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5E612F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E3300**, and if you desaturate by 10%, it is **2F3305**.

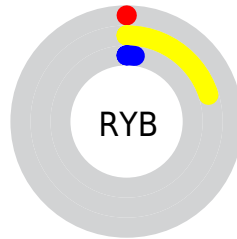
Distribution



Red (18%)

Green (20%)

Blue (0%)



Red (0%)

Yellow (20%)

Blue (2%)

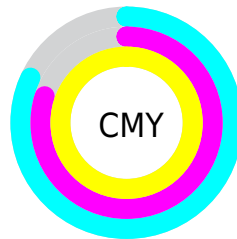


Cyan (10%)

Magenta (0%)

Yellow (100%)

Black (80%)



Cyan (82%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E3300 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2E3300 by changing the saturation by 10% instead.

 2E3300

 2E3300


 FFFFE4

 181E00

 5E612F

 000000

 777A46

 91945F

 ACAE78

 C8CA92

 E4E6AC

 FFFFC8

 2E3300

■ 2F3305

■ 2F330A

■ 30330F

■ 303314

■ 31331A

■ 31331F

■ 323324

■ 323329

■ 33332E

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



422C00



2E3300



133712

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2E3300



003950



531C39

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2E3300



050033

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



42244C



2E3300



00355A

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2E3300



003A3D



202E59



571C23

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2E3300



003920



202E59



4F1E40

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2E3300



40422E



330400



202115



A1A1A1



212121

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2E3300



3C4200



153300



191A17



505900



C3D900

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



050033



060042



1E0033



17171A



090059



1500D9

Previews

White Background



This preview shows how the Hex color 2E3300 looks on a white background.

Color Contrast Check

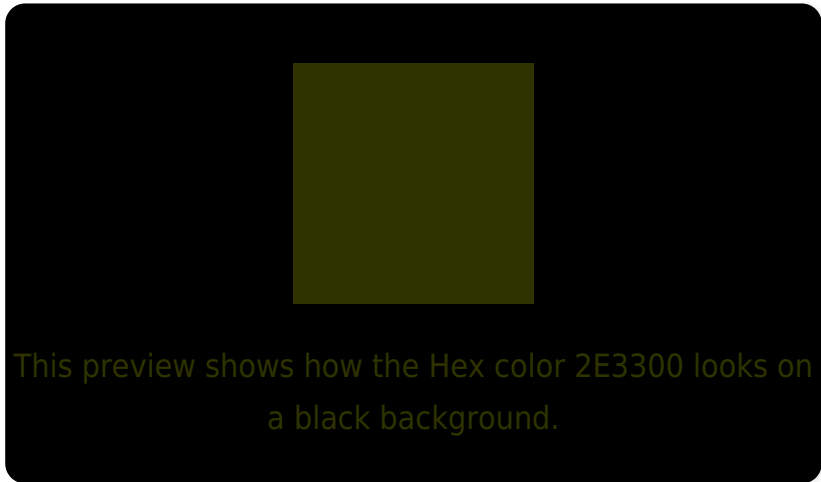
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

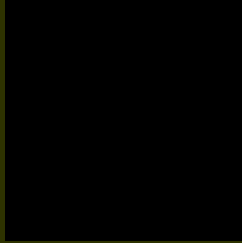
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2E3300 Background



This preview shows how black text looks on a background with the Hex color 2E3300.



This preview shows how white text looks on a background with the Hex color 2E3300.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
2E3300

Protanopia
363000

Deuteranopia
3D2E08



Tritanopia
322F33

Trichromacy



Original Color
2E3300

Protanomaly
333100

Deuteranomaly
383005

Tritanomaly
313020

Monochromacy



Original Color
2E3300

Achromatopsia
2C2C2C

Achromatomaly
2D2F1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E3300 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2E3300 looks like.

```
.text, #text, p{  
    color:#2E3300  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2E3300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E3300
}
```

Border

The CSS property to change the border of an element to Hex 2E3300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E3300 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#2E3300 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #2E3300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E3300; -webkit-box-shadow:4px 4px  
4px 4px #2E3300; box-shadow:4px 4px 4px  
4px #2E3300 }
```

Background

The CSS property to change the background color of an element to Hex 2E3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E3300 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2E3300 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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